

Table. A.4.18. East Yard AOC 35 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water ¹	Lithologic Description ² (Observation Notes)	Maximum PID Response, ppm _v (Depth)	Sample Type ³	Sample ID (Depth)	Analyses ⁴	COC Concentrations Greater Than Delineation Criteria
S0852/ MW148 8/21/02 Full RFI AOC 16/EY1	14	5	Fill: 0-12.5 Sand and Silt: 12.5-14	1.1 (0-2)	P, U, F	S0852A4 (1.5-2)	V, S, M	Iron: 25500 mg/kg
					P, S, F	S0852D3 (7-7.5)	V, S, M	Iron: 23700 mg/kg
					P, S, N	S0852G4 (13.5-14)	V, S, M	Iron: 27700 mg/kg
					Water	MW148 (10/2/02)	V, S, M, water quality	None
S0820 8/8/02 Full RFI AOC 35	12	8	Fill: 0-11 Clay: 11-11.5 Clay and Peat: 11.5-12	0.4 (2-2.5)	P, U, F	S0820A4 (1.5-2)	V, S, M	Antimony: 15.5J mg/kg
					P, U, F	S0820D3 (7-7.5)	V, S, M, SLPL metals, Phys. Char.	Arsenic: 23.7 mg/kg
					P, S, N	S0820F4 (11.5-12)	V, S, M	None
S0819 8/8/02 Full RFI AOC 35	8	7.5	Fill: 0-6 Clay: 6-8	0.3 (1.5-2)	P, U, F	S0819A4 (1.5-2)	V, S, M	Arsenic: 21.3 mg/kg Iron: 33900 mg/kg
					P, U, F	S0819C4 (5.5-6)	V, S, M	None
					P, S, N	S0819D4 (7.5-8)	V, S, M	Iron: 27000 mg/kg
S0818 8/8/02 Full RFI AOC 35	16	9	Fill: 0-13 Clay: 13-16	1.3 (2-2.5)	O, U, F	S0818A3 (1-1.5)	V, S, M	None
					O, U, F	S0818C4 (5.5-6)	V, S, M	Iron: 29500 mg/kg
					O, S, N	S0818G3 (13-13.5)	V, S, M	Iron: 32000 mg/kg

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SB0282 5/14/97 1 st OWSS (EY1)	8	--	Fill: 0-8	0	O, U, F	SB0282SC (4-6)	V, S, M, TPH	None
SB0272 10/28/96 1 st OWSS (EY1)	8	--	Fill: 0-6.5 Silt: 6.5-8	0	P, U, F	SB0272SC (4-6)	V, S, M, TPH	None
SB0271 10/28/96 1 st OWSS (EY1)	8	--	Fill: 0-6 Silt: 6-8	0	P, U, N	SB0271SD (6-8)	V, S, M, TPH	None
SB0270 10/28/96 1 st OWSS (EY1)	6	6?	Fill: 0-6	0	O, U, F	SB0270SC (4-6)	V, S, M, TPH	None
SB0269X 10/23/96 1 st OWSS (EY1)	10	--	Fill Silt: 3.8-5.7 Clay: 5.7-8.8 Sand: 8.8-10	4 (0-2)	O, U, N	SB0269SD (6-8)	V, S, M, TPH	None
SB0261 10/1/96 1 st OWSS (EY1)	8	--	Fill: 0-8	0	P, U, F	SB0261SC 4-6)	V, S, M, TPH	None
S0581 3/7/00 2 nd OWSS (EY1)	4	3	Fill: 0-4: Gravels/sands (black stained from 1-3)	8 (2-3)	O, U, F	S0581B2 (2.5-3)	PAHs	None
S0580 3/7/00 2 nd OWSS (EY1)	8	6	Fill: 0-8	2 (6-7)	O, U, F	S0580C4 (5.5-6)	S?	None
H0364 9/7/99 2 nd OWSS (EY1)	12	6	Fill: 0-4 Clay with sands: 4-12	0	Water	H0364	V, S, M	Lead: 10.5 ug/L

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H0356 9/1/99 2 nd OWSS (EY1)	12	5	Fill: 0-3 Clay with sands: 3-12	0	Water	H0356	V, S, M	None
HP0060 10/23/96 1 st OWSS (EY1)	6	4	Fill: 0-6	0	Water	HP0060A	V, S, M, TPH	Arsenic: 364 ug/L Barium: 3820 ug/L Beryllium: 69.2 ug/L Chromium: 1970 ug/L Cobalt: 657 ug/L Lead: 685 ug/L Nickel: 1440 ug/L Vanadium: 2360 ug/L
HP0043 9/30/96 1 st OWSS (EY1)	8	5	Fill: 0-8	0	Water	HP0043A	V, S, M, TPH	Arsenic: 686 ug/L Barium: 2090 ug/L Beryllium: 37 ug/L Cadmium: 19 ug/L Chromium: 1610 ug/L Lead: 4510 ug/L Mercury: 5.44 ug/L Nickel: 976 ug/L Vanadium: 944 ug/L
HP0040 9/26/96 1 st OWSS (EY1)	8	4.3	Fill: 0-6 Sand: 6-8	96 (0-2)	Water	HP0040A	V, S, M, TPH	Arsenic: 264 ug/L Beryllium: 20.5 ug/L Chromium: 301 ug/L Lead: 230 ug/L Nickel: 274 ug/L Vanadium: 441 ug/L
U010014 10/25/95 1 st Soils SWMU 10	12	5	Fill: 0-11.6 Silt: 11.6-12	0	None			
U010001 10/24/95 1 st Soils SWMU 10	8	3	Fill: 0-5.4 Sand: 5.4-8	0	None			

NOTES:

Benzene and benzo(a)pyrene are highlighted in bold because they are indicator constituents of concern (COCs)

Shaded rows indicate samples collected from nearby SWMUs/AOCs

ppm_v = parts per million (volume basis)

All depths referenced on this summary table are in feet below the ground surface.

PID = Photoionization detector.

ID = Identifier.

mg/kg = milligrams per kilogram (equivalent to parts per million).

µg/L = micrograms per liter (equivalent to parts per million).

¹Depth to water as observed during borehole advancement.

²“Fill” encountered within the completed borings was characteristically described as an asphalt layer (typical) underlain by a heterogeneous gravel to clay mixture of unconsolidated materials, ranging in color from tan to gray with occasional construction debris (e.g., brick) present. In some locations, the fill material is further characterized by containing a slag or beaded material, in which case it is noted within the table. Also noted on the table are any other olfactory or visual observations that indicate potential petroleum-type impacts within the fill unit were observed.

³P – property boundary, O – on-site, U – unsaturated, S – saturated, F – fill, N – native. “None” indicates that no sample was collected.

⁴V – VOCs, S – SVOCs, M – metals, Pb – lead, TOL – total organic lead, TEL – tetraethyl lead, TPH – Total Petroleum Hydrocarbons; SPLP -- Synthetic Precipitation Leaching Procedure; -Phys. Char. -- physical characteristics.